

OIFE

RAW SEQUENCE LISTING

DATE: 11/26/2001

PATENT APPLICATION: US/09/986,240

TIME: 15:26:55

Input Set : A:\es.TXT

Output Set: N:\CRF3\11212001\I986240.raw

ENTERED

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4 <110> APPLICANT: Weigelt, Johan
5   Wikstr"m, Mats
7 <120> TITLE OF INVENTION: NEW NUCLEAR MAGNETIC RESONANCE SCREENING
8   METHOD
10 <130> FILE REFERENCE: 13425-047001
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/986,240
C--> 12 <141> CURRENT FILING DATE: 2001-10-19
12 <150> PRIOR APPLICATION NUMBER: 60/243,626
13 <151> PRIOR FILING DATE: 2000-10-26
15 <150> PRIOR APPLICATION NUMBER: SE 0003811-7
16 <151> PRIOR FILING DATE: 2000-10-20
18 <160> NUMBER OF SEQ ID NOS: 7
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 435
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
28 Met Glu Met Glu Lys Glu Phe Glu Gln Ile Asp Lys Ser Gly Ser Trp
29 1      5      10      15
30 Ala Ala Ile Tyr Gln Asp Ile Arg His Glu Ala Ser Asp Phe Pro Cys
31      20      25      30
32 Arg Val Ala Lys Leu Pro Lys Asn Arg Asn Arg Tyr Arg Asp
33      35      40      45
34 Val Ser Pro Phe Asp His Ser Arg Ile Lys Leu His Gln Glu Asp Asn
35      50      55      60
36 Asp Tyr Ile Asn Ala Ser Leu Ile Lys Met Glu Glu Ala Gln Arg Ser
37 65      70      75      80
38 Tyr Ile Leu Thr Gln Gly Pro Leu Pro Asn Thr Cys Gly His Phe Trp
39      85      90      95
40 Glu Met Val Trp Glu Gln Lys Ser Arg Gly Val Val Met Leu Asn Arg
41      100     105     110
42 Val Met Glu Lys Gly Ser Leu Lys Cys Ala Gln Tyr Trp Pro Gln Lys
43      115     120     125
44 Glu Glu Lys Glu Met Ile Phe Glu Asp Thr Asn Leu Lys Leu Thr Leu
45      130     135     140
46 Ile Ser Glu Asp Ile Lys Ser Tyr Tyr Thr Val Arg Gln Leu Glu Leu
47 145     150     155     160
48 Glu Asn Leu Thr Thr Gln Glu Thr Arg Glu Ile Leu His Phe His Tyr
49      165     170     175
50 Thr Thr Trp Pro Asp Phe Gly Val Pro Glu Ser Pro Ala Ser Phe Leu
51      180     185     190
52 Asn Phe Leu Phe Lys Val Arg Glu Ser Gly Ser Leu Ser Pro Glu His
53      195     200     205
54 Gly Pro Val Val Val His Cys Ser Ala Gly Ile Gly Arg Ser Gly Thr
55      210     215     220
56 Phe Cys Leu Ala Asp Thr Cys Leu Leu Leu Met Asp Lys Arg Lys Asp

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57 225          230          235          240
58 Pro Ser Ser Val Asp Ile Lys Lys Val Leu Leu Glu Met Arg Lys Phe
59          245          250          255
60 Arg Met Gly Leu Ile Gln Thr Ala Asp Gln Leu Arg Phe Ser Tyr Leu
61          260          265          270
62 Ala Val Ile Glu Gly Ala Lys Phe Ile Met Gly Asp Ser Ser Val Gln
63          275          280          285
64 Asp Gln Trp Lys Glu Leu Ser His Glu Asp Leu Glu Pro Pro Pro Glu
65          290          295          300
66 His Ile Pro Pro Pro Pro Arg Pro Pro Lys Arg Ile Leu Glu Pro His
67 305          310          315          320
68 Asn Gly Lys Cys Arg Glu Phe Phe Pro Asn His Gln Trp Val Lys Glu
69          325          330          335
70 Glu Thr Gln Glu Asp Lys Asp Cys Pro Ile Lys Glu Glu Lys Gly Ser
71          340          345          350
72 Pro Leu Asn Ala Ala Pro Tyr Gly Ile Glu Ser Met Ser Gln Asp Thr
73          355          360          365
74 Glu Val Arg Ser Arg Val Val Gly Gly Ser Leu Arg Gly Ala Gln Ala
75          370          375          380
76 Ala Ser Pro Ala Lys Gly Glu Pro Ser Leu Pro Glu Lys Asp Glu Asp
77 385          390          395          400
78 His Ala Leu Ser Tyr Trp Lys Pro Phe Leu Val Asn Met Cys Val Ala
79          405          410          415
80 Thr Val Leu Thr Ala Gly Ala Tyr Leu Cys Tyr Arg Phe Leu Phe Asn
81          420          425          430
82 Ser Asn Thr
83          435
85 <210> SEQ ID NO: 2
86 <211> LENGTH: 132
87 <212> TYPE: PRT
88 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 2
91 Val Asp Ala Phe Leu Gly Thr Trp Lys Leu Val Asp Ser Lys Asn Phe
92 1          5          10          15
93 Asp Asp Tyr Met Lys Ser Leu Gly Val Gly Phe Ala Thr Arg Gln Val
94          20          25          30
95 Ala Ser Met Thr Lys Pro Thr Thr Ile Ile Glu Lys Asn Gly Asp Ile
96          35          40          45
97 Leu Thr Leu Lys Thr His Ser Thr Phe Lys Asn Thr Glu Ile Ser Phe
98          50          55          60
99 Lys Leu Gly Val Glu Phe Asp Glu Thr Thr Ala Asp Asp Arg Lys Val
100 65          70          75          80
101 Lys Ser Ile Val Thr Leu Asp Gly Gly Lys Leu Val His Leu Gln Lys
102          85          90          95
103 Trp Asp Gly Gln Glu Thr Thr Leu Val Arg Glu Leu Ile Asp Gly Lys
104          100          105          110
105 Leu Ile Leu Thr Leu Thr His Gly Thr Ala Val Cys Thr Arg Thr Tyr
106          115          120          125
107 Glu Lys Glu Ala

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108      130
110 <210> SEQ ID NO: 3
111 <211> LENGTH: 35
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Exemplary target sequence
118 <400> SEQUENCE: 3
119 Ala Gln Ser Tyr Ile Glu Lys Ile Ser Gln Ala Met Glu Ser Ala Ile
120 1          5          10          15
121 Glu Lys Arg Leu Thr Leu Ala Gln Ile Met Glu Trp Ile Arg Arg Asn
122      20          25          30
123 Ile Met Gly
124      35
126 <210> SEQ ID NO: 4
127 <211> LENGTH: 35
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Exemplary target sequence
134 <400> SEQUENCE: 4
135 Asn Gln Ser Tyr Ile Glu Leu Ile Ser Gln Ala Met Glu Ser Ala Pro
136 1          5          10          15
137 Glu Lys Arg Leu Thr Leu Ala Gln Ile His Glu Trp Ile Arg Arg Asn
138      20          25          30
139 Ala Trp Gly
140      35
142 <210> SEQ ID NO: 5
143 <211> LENGTH: 35
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Exemplary protein sequence
150 <400> SEQUENCE: 5
151 Pro Tyr Ser Tyr Ile Ser Leu Ile Thr Met Ala Met Gln Gln Ala Pro
152 1          5          10          15
153 Glu Lys Met Leu Thr Leu Ala Gln Ile His Glu Trp Ile Leu Thr His
154      20          25          30
155 Ala Lys Pro
156      35
158 <210> SEQ ID NO: 6
159 <211> LENGTH: 35
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Exemplary protein sequence
166 <400> SEQUENCE: 6
167 Pro Tyr Ser Tyr Ile Ala Leu Ile Thr Met Ala Met Leu Gln Ser Pro
168 1          5          10          15

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169 Glu Lys Lys Leu Thr Leu Ala Gln Ile His Glu Phe Ile Leu Val Asn
170 20 25 30
171 Ala Lys Pro
172 35
174 <210> SEQ ID NO: 7
175 <211> LENGTH: 35
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Exemplary protein sequence
182 <400> SEQUENCE: 7
183 Pro Tyr Ser Tyr Ile Glu Leu Ile Thr Met Ala Met Gln Asn Ala Pro
184 1 5 10 15
185 Glu Lys Lys Ile Thr Leu Ala Gln Ile His Gln Phe Ile Leu Val Gln
186 20 25 30
187 Ala Lys Pro
188 35

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/986,240

DATE: 11/26/2001

TIME: 15:26:56

Input Set : A:\es.TXT

Output Set: N:\CRF3\11212001\I986240.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date